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|   |  |                          |                        |
|---|--|--------------------------|------------------------|
| <b>Effective on 12/08/2004.</b><br><b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b><br><b>FEE TRANSMITTAL</b><br><b>For FY 2007</b> |  | <b>Complete if Known</b> |                        |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27  |  | Application Number       | 10/517,071-Conf. #8643 |
| <b>TOTAL AMOUNT OF PAYMENT</b>  |  | Filing Date              | December 3, 2004       |
| (\$)  |  | First Named Inventor     | Valentin CHEREDNICK    |
| 180.00  |  | Examiner Name            | K. B. Addison          |
|   |  | Art Unit                 | 2834                   |
|   |  | Attorney Docket No.      | 3449-0403PUS1          |

|  |  |
|--|--|
| <b>METHOD OF PAYMENT</b> (check all that apply)  |  |
| <input type="checkbox"/> Check   | <input type="checkbox"/> Credit Card   |
| <input type="checkbox"/> Money Order   | <input type="checkbox"/> None  |
| <input type="checkbox"/> Other (please identify): _____  |  |
| <input checked="" type="checkbox"/> Deposit Account  | Deposit Account Number: <u>02-2448</u> Deposit Account Name: <u>Birch, Stewart, Kolasch &amp; Birch, LLP</u> |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)                 |  |
| <input checked="" type="checkbox"/> Charge fee(s) indicated below  | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee                            |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments  |

|   |                    |                     |   |                      |                                  |                       |                       |
|---|--------------------|---------------------|---|----------------------|----------------------------------|-----------------------|-----------------------|
| <b>FEE CALCULATION</b>  |                    |                     |   |                      |                                  |                       |                       |
| <b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>  |                    |                     |   |                      |                                  |                       |                       |
|   | <b>FILING FEES</b> |                     | <b>SEARCH FEES</b>                                      |                      | <b>EXAMINATION FEES</b>          |                       |                       |
|   |                    | <u>Small Entity</u> |   | <u>Small Entity</u>  |                                  | <u>Small Entity</u>   |                       |
| <b>Application Type</b>   | <b>Fee (\$)</b>    | <b>Fee (\$)</b>     | <b>Fee (\$)</b>   | <b>Fee (\$)</b>      | <b>Fee (\$)</b>                  | <b>Fee (\$)</b>       | <b>Fees Paid (\$)</b> |
| Utility   | 300                | 150                 | 500   | 250                  | 200                              | 100                   |                       |
| Design  | 200                | 100                 | 100   | 50                   | 130                              | 65                    |                       |
| Plant   | 200                | 100                 | 300   | 150                  | 160                              | 80                    |                       |
| Reissue   | 300                | 150                 | 500   | 250                  | 600                              | 300                   |                       |
| Provisional   | 200                | 100                 | 0   | 0                    | 0                                | 0                     |                       |
| <b>2. EXCESS CLAIM FEES</b>   |                    |                     |   |                      |                                  |                       |                       |
|   |                    |                     |   |                      |                                  | <u>Small Entity</u>   |                       |
| <b>Fee Description</b>  |                    |                     |   |                      |                                  | <b>Fee (\$)</b>       | <b>Fee (\$)</b>       |
| Each claim over 20 (including Reissues)   |                    |                     |   |                      |                                  | 50                    | 25                    |
| Each independent claim over 3 (including Reissues)  |                    |                     |   |                      |                                  | 200                   | 100                   |
| Multiple dependent claims   |                    |                     |   |                      |                                  | 360                   | 180                   |
| <u>Total Claims</u>   |                    | <u>Extra Claims</u> | <u>Fee (\$)</u>   | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> |                       |                       |
| 9   |                    | - 20 =              | x   | =                    | <u>Fee (\$)</u>                  |                       | <u>Fee Paid (\$)</u>  |
| HP = highest number of total claims paid for, if greater than 20.   |                    |                     |   |                      |                                  |                       |                       |
| <u>Indep. Claims</u>  |                    | <u>Extra Claims</u> | <u>Fee (\$)</u>   | <u>Fee Paid (\$)</u> |                                  |                       |                       |
| 4   |                    | - 4 =               | x   | =                    |                                  |                       |                       |
| HP = highest number of independent claims paid for, if greater than 3.  |                    |                     |   |                      |                                  |                       |                       |
| <b>3. APPLICATION SIZE FEE</b>  |                    |                     |   |                      |                                  |                       |                       |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |                    |                     |   |                      |                                  |                       |                       |
| <u>Total Sheets</u>   |                    | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> |                      | <u>Fee (\$)</u>                  | <u>Fee Paid (\$)</u>  |                       |
|   |                    | - 100 =             | /50 =   |                      | (round up to a whole number) x   | =                     |                       |
| <b>4. OTHER FEE(S)</b>  |                    |                     |   |                      |                                  |                       |                       |
| Non-English Specification, \$130 fee (no small entity discount)   |                    |                     |   |                      |                                  | <u>Fees Paid (\$)</u> |                       |
| Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement   |                    |                     |   |                      |                                  | 180.00                |                       |

|                     |                     |                                   |                |
|---------------------|---------------------|-----------------------------------|----------------|
| <b>SUBMITTED BY</b> |                     |                                   |                |
| Signature           |                     | Registration No. (Attorney/Agent) | 39,538         |
| Name (Print/Type)   | James T. Eller, Jr. | Telephone                         | (703) 205-8000 |
|                     |                     | Date                              | June 27, 2007  |



Docket No.: 3449-0403PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Valentin CHEREDNICK et al.

Application No.: 10/517,071

Confirmation No.: 8643

Filed: December 3, 2004

Art Unit: 2834

For: SAW SENSOR DEVICE USING SLIT  
ACOUSTIC WAVE AND METHOD THEREOF

Examiner: K. B. Addison

**INFORMATION DISCLOSURE STATEMENT**  
**(SUBMISSION AFTER NOTICE OF ALLOWANCE**  
**BUT PRIOR TO PAYMENT OF THE ISSUE FEE)**

**Handcarry To:**  
**U.S. Patent and Trademark Office**  
**Customer Service Window – MS Issue Fee**  
**Randolph Building**  
**401 Dulany Street**  
**Alexandria, VA 22314**

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-SB08(s), attached hereto.

06/28/2007 SZEWDIE1 00000112 022448 10517071  
01 FC:1806 180.00 DA

II. COPIES

☒ Copies of cited U.S. patents and patent application publications are not included. Copies of foreign patent documents and non-patent literature are included.

III. CONCISE EXPLANATION OF THE RELEVANCE

(Check at least one box)

☐ a. DOCUMENTS IN THE ENGLISH LANGUAGE - The patents, publications, or other information listed on the attached PTO SB08 are in the English language and therefore, do not require a statement of relevancy.

☒ b. DOCUMENTS NOT IN THE ENGLISH LANGUAGE - A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows: **English language abstracts are attached hereto for the JP 08-285708 and JP 62-157543 documents.**

☐ c. ENGLISH LANGUAGE SEARCH REPORT - An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3).

☒ d. OTHER - The following additional information is provided for the Examiner's consideration. **Japanese Office Action with English translation is attached hereto.**

THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(d): After the mailing date of a Notice of Allowance. See the Statement Under 37 C.F.R. § 1.97(e).

IV. STATEMENT UNDER 37 C.F.R. § 1.97(e)

(check only one box)

The undersigned hereby states that:

☒ a. Each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than 30 days prior to the filing of this IDS; or

☐ b. Each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

☐ c. No item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.

☐ d. Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

V. PAYMENT OF FEES (check one box)

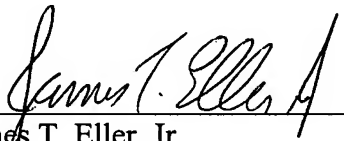
☒ The required fee is listed on the attached Fee Transmittal.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: June 27, 2007

Respectfully submitted,

By   
James T. Eller, Jr.

Registration No.: 39,538  
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Attorney for Applicant

Attachment(s):

- ☒ PTO-SB08
- ☒ Documents
- ☐ Foreign Search Report
- ☒ Fee
- ☒ Other: **Japanese Office Action with English translation**



Used in Lieu of PTO/SB/08A/B  
(Based on PTO 04-07 version)

|  |   |    |   |                          |                        |
|--|---|----|---|--------------------------|------------------------|
| <b>Substitute for form 1449/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                        |
|  |   |    |   | Application Number       | 10/517,071-Conf. #8643 |
|  |   |    |   | Filing Date              | December 3, 2004       |
|  |   |    |   | First Named Inventor     | Valentin CHEREDNICK    |
|  |   |    |   | Art Unit                 | 2834                   |
|  |   |    |   | Examiner Name            | K. B. Addison          |
| Sheet  | 1 | of | 1 | Attorney Docket Number   | 3449-0403PUS1          |

| U.S. PATENT DOCUMENTS |                          |  |                                |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       |                          |  |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                          |   |  |                                   |  |   |                                     |
|--------------------------|--------------------------|---|--|-----------------------------------|--|---|-------------------------------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   |  | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup>                      |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |  |                                   |  |   |                                     |
|                          | BA**                     | JP-08-285708  |  | 01-11-1996                        |  |   | <input checked="" type="checkbox"/> |
|                          | BB**                     | JP-62-157543  |  | 10-06-1987                        |  |   | <input checked="" type="checkbox"/> |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\* CITE NO.: Those document(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |                          |   |                |
|---------------------------------|--------------------------|---|----------------|
| Examiner<br>Initials            | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                                 |                          |   |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|